Wood Stone

MT. CHUCKANUT 4'
STONE HEARTH OVEN

Job Name	
Model	WS-MS-4
Item#	

Oven shown with optional stainless steel mantle.

The Mt. Chuckanut 4' oven features a door opening 19.75 inches wide x 10 inches high. The oven floor diameter is 37 inches, resulting in a 7-square-foot cooking surface. A tensioned steel exoskeleton surrounding the hearth and dome perimeter ensure structural integrity and longevity. Wrapped in spun ceramic fiber insulation and requiring only 1-inch side clearance to combustibles, the monolithic 4-inch thick cast-ceramic hearth and monolithic 4-inch thick dome rest on a black painted steel stand. The oven body is finished with galvanized steel and a stainless steel service panel is provided. The oven arrives completely assembled, ETL Listed, ready to install, and is made in the USA. Information about custom finishes, tools, and accessories can be found online at: woodstone-corp.com.

HEARTH CAPACITY

8" pizzas:	8-10	
10" pizzas:	5-6	
12" pizzas:	4	
16" pizzas:	1-2	Considered an operational challenge

Assuming 5-minute cook times, the approximate maximum hourly production capacity can be calculated by multiplying the above numbers by 12. Cook times will also vary depending on "style" of pizza.

GUIDE TO MODEL NUMBERS

	Radiant Flame	Underfloor IR	Wood Required	Combination	Natural Gas BTU/hr	Liquid Propane BTU/hr
WS-MS-4-RFG	X				-NG 72,000	-LP 60,000
WS-MS-4-RFG-W	X			X	-NG 68,000	-LP 60,000
WS-MS-4-RFG-IR	X	X			-NG 125,000	-LP 110,000
WS-MS-4-RFG-IR-W	X	X		X	-NG 115,000	-LP 102,000
WS-MS-4-W-IR		X	X		-NG 52,000	-LP 53,000
WS-MS-4-W			X			

FUEL CONFIGURATIONS

GAS-FIRED ONLY: Configured to burn either natural gas (NG) or liquid propane (LP)*.

❑ **RADIANT FLAME (RFG):** Heated by an easily adjustable radiant flame (72,000 BTU/hr max. NG) located in the rear of the cooking chamber. User control ensures the ability to balance the oven's radiated top heat with the heat being conducted and radiated from the floor.

❑ **RADIANT FLAME + UNDERFLOOR IR (RFG-IR):** In addition to the radiant flame, a 53,000 BTU/hr (NG) thermostatically controlled infrared burner is mounted under the oven deck to ensure high production capacity with no heat recovery issues.

❑ **WOOD-FIRED (W):** Wood-fired only.

❑ **WOOD WITH GAS ASSIST (W-IR):** This wood-fired model is assisted by the additional BTU/hr of an Underfloor IR burner. NOTE: A wood fire is required with this configuration.

❑ **COMBINATION (-W):** Allows optional wood burning for ovens with gas burner configurations*.

*Gas type must be specified at time of order.

Intertek ANSI Z83.11b-2009 CSA 1.8b-2009

Intertek ANSI/NSF STD 4

t. 360.650.1111
tf. 800.988.8103
f. 360.650.1166

Wood Stone Corporation
1801 W. Bakerview Rd.
Bellingham, WA 98226 USA
info@woodstone-corp.com
woodstone-corp.com

REVISED: SUMMER 2014

An ongoing program of product improvement may require us to change specifications without notice.

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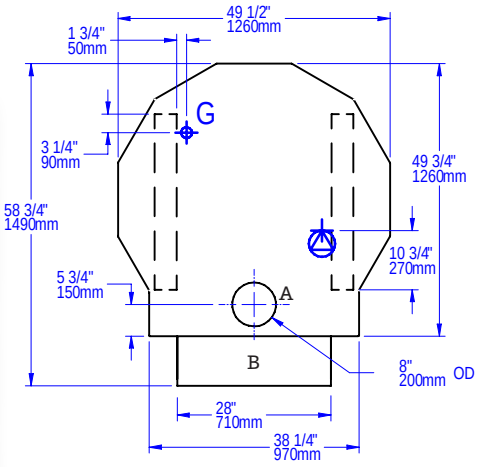
STONE HEARTH OVEN • WS-MS-4

A	Flue Collar
B	Optional Mantle
C	Flame Height Control Knob
D	Digital Controller
E	Forklift Here
	Electrical Connection
G	Gas Connection
F	Service Panel or Optional Storage Box
	Must Be Left Removable for Service
	Do Not Facade or Cover Over

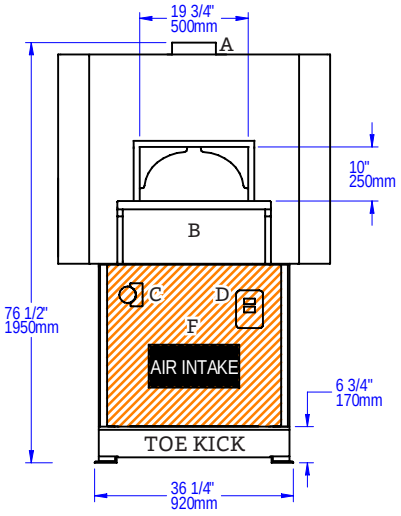
PLAN VIEW



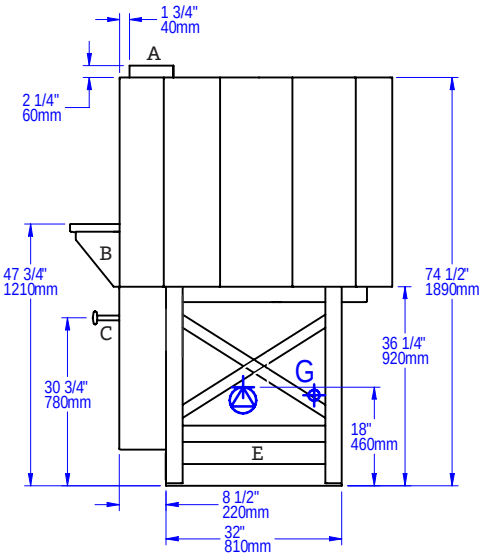
FACADE INFORMATION

- All facades or enclosures are by others; all MS ovens require a 1" side clearance and 14" top clearance to combustible construction. Any construction above and 6" to either side of the oven doorway must be non-combustible.
- Any facade or enclosure below the mantle of Gas-Fired or Combination ovens must allow for:
  - Unobstructed access for removal of service/intake panel
  - Easy access to all controls
  - Sufficient combustion air for gas burners; see Installation and Operation Manual for details

FRONT VIEW



SIDE VIEW



UTILITIES SPECIFICATIONS

GAS

¾ inch gas inlet (FNPT)

BTU/hr Requirements

See table on previous page

ELECTRICAL

Gas-Fired Only and Combination

120 VAC, 1.1 A, 50/60 Hz

Connection made beneath oven as shown.

Wood-Fired Only

120 VAC, 2 A, 50/60 Hz

Connection made to readout box.

VENTING INFORMATION

The Mt. Chuckanut has an 8" O.D. flue collar and can be direct connected to a power-ventilated, grease-rated chimney or can be vented with a Listed Type 1 exhaust hood, or one constructed in accordance with NFPA 96 and all relevant local and national codes. The oven must be vented in accordance with all relevant local and national codes, and in a manner acceptable to the authority having jurisdiction.

Unit Shipping Weight: 2,400 lbs.

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